# EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S2 | 107 | (Ono-Makoto Okudo-Masaaki Hashimoto-Masaaki).IN. | US-PGPUB; USPAT | OR | ON | 2009/07/15 20:36 |
| S5 | 12 | ("japan airlines international" "japan airlines").AS. | US-PGPUB; USPAT | OR | ON | 2009/07/15 20:45 |
| S17 | 2 | "134".clas. and ("total number" same terminat$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 08:19 |
| S18 | 296 | "134".clas. and (number same terminat$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 08:19 |
| S19 | 198 | "134".clas. and (number same terminat$4) and @PY<"2005" | US-PGPUB; USPAT | OR | ON | 2009/07/16 08:19 |
| S20 | 165 | S19 not plasma | US-PGPUB; USPAT | OR | ON | 2009/07/16 08:21 |
| S21 | 0 | "134".clas. and (number same stopped same malfunction) and @PY<"2005" | US-PGPUB; USPAT | OR | ON | 2009/07/16 08:44 |
| S22 | 130 | "134".clas. and (number same stopped) and @PY<"2005" | US-PGPUB; USPAT | OR | ON | 2009/07/16 08:44 |
| S23 | 103 | S22 not (plasma wafer) | US-PGPUB; USPAT | OR | ON | 2009/07/16 08:44 |
| S24 | 0 | "134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and (rate with determin$4 with complete) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:38 |
| S25 | 2176 | "134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY<"2005" | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:39 |
| S26 | 39 | "134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY<"2005" and (rate with determin$4 with clean$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:39 |
| S27 | 26 | S26 not (plasma wafer) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:39 |
| S28 | 59 | "134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY<"2005" and (rate with determin$4 with clean$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:47 |
| S29 | 20 | S28 not S26 | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:48 |
| S30 | 12 | S29 not (plasma wafer) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:48 |
| S31 | 80 | "134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY<"2005" and ("flow rate" with determin$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:50 |
| S32 | 54 | S31 not S28 | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:51 |

# EAST Search History (Prior Art)

| S33 | 44 | S32 not (plasma wafer) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:51 |
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| S34 | 64 | S33 or S29 | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:58 |
| S35 | 4 | "134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with cleanliness) | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:58 |
| S36 | 4 | S35 not S34 | US-PGPUB; USPAT | OR | ON | 2009/07/16 09:58 |
| S37 | 16 | "134".clas. and @PY< "2005" and ("flow rate" with cleanliness) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:00 |
| S38 | 12 | S37 not S36 | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:00 |
| S39 | 44 | "134".clas. and @PY< "2005" and (rate with cleanliness) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:03 |
| S40 | 28 | S39 not S37 | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:03 |
| S41 | 20 | S40 not (plasma wafer) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:04 |
| S42 | 0 | "134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with progress) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:07 |
| S43 | 51 | "134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with monitor$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:07 |
| S44 | 30 | S43 not (wafer plasma) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:07 |
| S45 | 4 | "134".clas. and @PY< "2005" and (velocity with cleanliness) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:18 |
| S46 | 556 | ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with monitor$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:19 |
| S47 | 3 | ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with monitor$4) | FPRS; EPO; JPO; IBM_TDB | OR | ON | 2009/07/16 10:20 |
| S48 | 14 | ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and (rate with determin$4) | FPRS; EPO; JPO; IBM_TDB | OR | ON | 2009/07/16 10:21 |
| S49 | 76 | "134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with measur$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:28 |

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|---|---|---|---|---|---|---|
| S50 | 47 | "134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY<"2005" and (("flow rate" with measur$4) same (determin$4 finish$4 conclud$4 cleanliness clean$4 progress)) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:29 |
| S51 | 34 | S50 not (wafer plasma) | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:30 |
| S52 | 4541 | sugimoto.IN. | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:40 |
| S53 | 2 | sugimoto.IN. and "drainage pipe" | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:40 |
| S54 | 1 | "20030172963".PN. and gas | US-PGPUB; USPAT | OR | ON | 2009/07/16 10:41 |
| S55 | 336 | (134/10 134/21 134/22.1 134/22.11 134/22.12 134/22.13 134/34 134/40-42).ccls. and (drainpipe drain sewage sink toilet) and (airplane plane) | US-PGPUB; USPAT | OR | ON | 2009/07/16 11:07 |
| S57 | 1523 | (134/10 134/21 134/22.1 134/22.11 134/22.12 134/22.13 134/34 134/40-42).ccls. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) | US-PGPUB; USPAT | OR | ON | 2009/07/16 11:32 |
| S58 | 273 | (134/10 134/21 134/22.1 134/22.11 134/22.12 134/22.13 134/34 134/40-42).ccls. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and (recover recovery) | US-PGPUB; USPAT | OR | ON | 2009/07/16 11:37 |